

Phospho-Glycogen Synthase Peptide-2(substrate) (TFA)

Cat. No.: HY-P1113A
Batch No.: 212311
Chemical Name: L-Glutamic acid, L-tyrosyl-L-arginyl-L-arginyl-L-alanyl-L-alanyl-L-valyl-L-prolyl-L-prolyl-L-seryl-L-prolyl-L-seryl-L-leucyl-L-seryl-L-arginyl-L-histidyl-L-seryl-L-seryl-L-prolyl-L-histidyl-L-glutamyl-L-O-phosphono-L-seryl-L- α -glutamyl-L- α -aspartyl-L- α -glutamyl-L- α -glutamyl- (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{123}H_{191}N_{40}O_{48}P \cdot xC_2HF_3O_2$
Molecular Weight: 3029.05 (free acid)
Storage: Sealed storage, away from moisture
Powder -80°C 2 years
 -20°C 1 year
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

YRRAAVPPSPSLSRHSSPHQ-(Ser(PO₃H₂))-EDEEE (TFA salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 98.02%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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